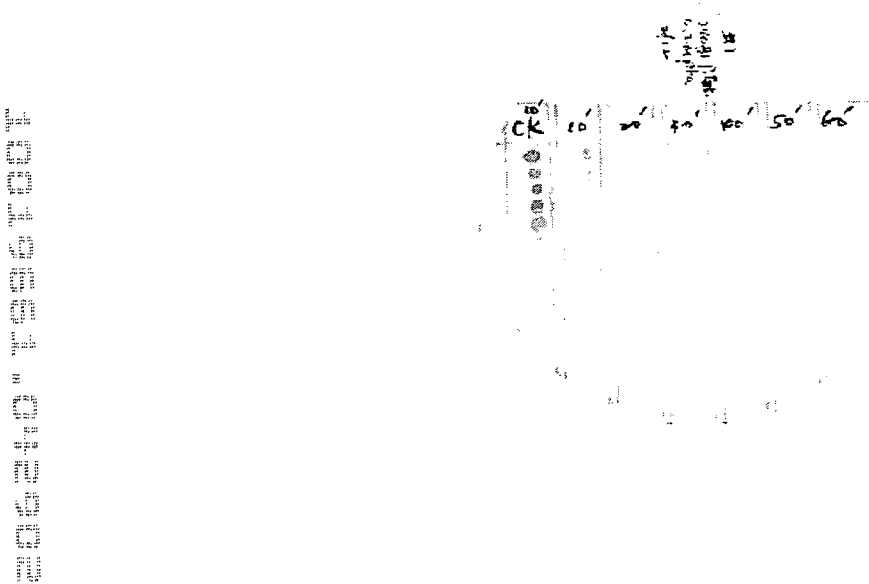


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Figure 1



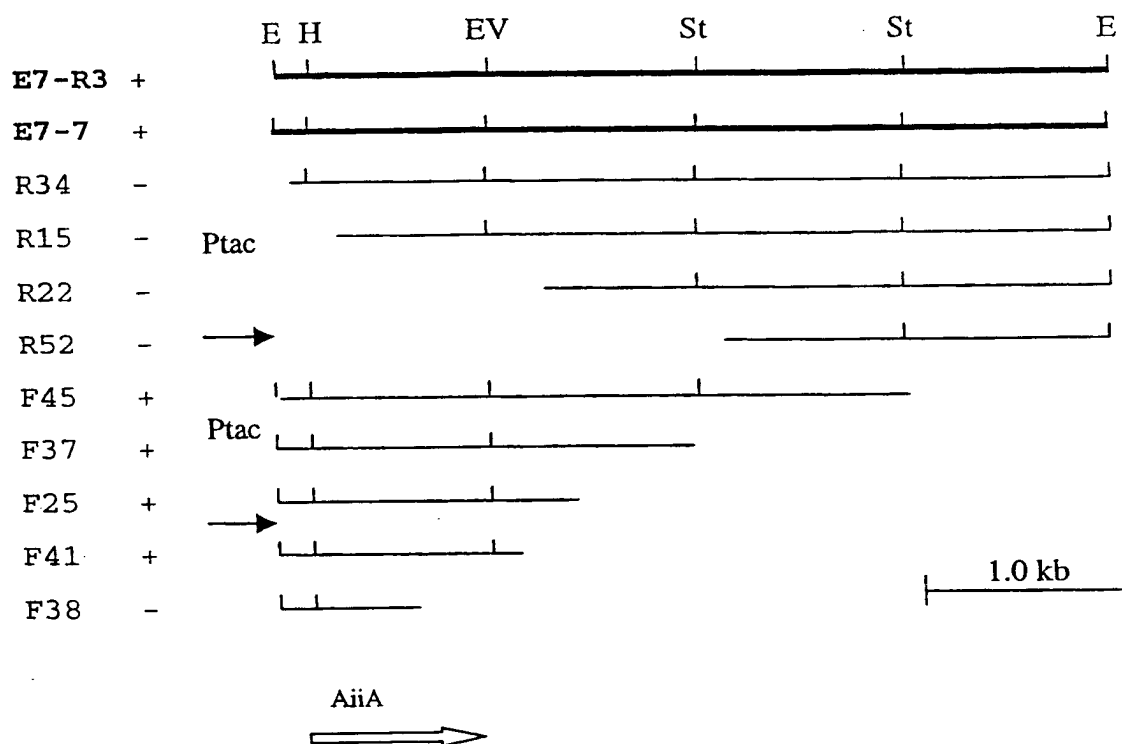
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Figure 2

[illegible]

Figure 3

## Clone Activity



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Figure 4(A)

..ctttactgtattgtttttattcaaaactaaatgtaaagggtggatacata -1

ATGACAGTAAAGAAGCTTTATTTTCGTCCCAGCAGGTCGTTGTATGTTGGA 50

TCATTCGTCTGTTAATAGTACATTAACACCAGGAGAATTATTAGACTTAC 100

CGGTTTGGTGTTATCTTTTGGAGACTGAAGAAGGACCTATTTTAGTAGAT 150

ACAGGTATGCCAGAAAGTGCAGTTAATAATGAAGGTCTTTTAAACGGTAC 200

ATTTGTCTGAAGGGCAGGTTTTACCGAAAATGACTGAAGAAGATAGAATCG 250

TGAATATTTTAAACGGGTGGTTATGAGCCGGAAGACCTTCTTTATATT 300

ATTAGTTCTCACTTGCATTTTGATCATGCAGGAGGAAATGGCGCTTTTAT 350

AAATACACCAATCATTGTACAGCGTGCTGAATATGAGGCGGCGCAGCATA 450

GCGAAGAATATTTGAAAGAATGTATATTGCCGAATTTAAACTACAAAATC 500

ATTGAAGGTGATTATGAAGTCGTACCAGGAGTTCAATTATTGCATACACC 550

AGGCCATACTCCAGGGCATCAATCGCTATTAATTGAGACAGAAAAATCCG 600

GTCCTGTATTATTAACGATTGATGCATCGTATACGAAAGAGAATTTTGAA 650

AATGAAGTGCCATTTGCGGGATTTGATTCAGAATTAGCTTTATCTTCAAT 700

TAAACGTTTAAAGAAGTGGTGATGAAAGAGAAGCCGATTGTTTTCTTTG 750

GACATGATATAGAGCAGGAAAGGGGATGTAAAGTGTTCCCTGAATATATA 800

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TAGtacaaaaagtcatgagcttattcgctcatgacttttttcgtttaaag 850  
Atttttttaaataagttataaaacttttttagaactatcttcatttaattg 900  
Atagtacgtaaggtttacatcattaggagtatcttggtgagcaatcatca 950  
Cttcgttactgtgatgggtcaactacccatatgaaatattttttataagtc 1000  
Ccatcctcgaaagtaatccacatatcacagtctattaaatctgaccttc 1050  
Ttcatctaattgtaatttttccttttttggcggtatccatactgttaatga 1100  
Atgtttttaattcatctgtttttgtgagaaagatatccttttttgtttta 1150  
Attgactcgacatgtatatcttttatttcttgttttcctaaaaagacagg 1200  
gggctcatttgggtctcttttgagt 1222

Figure 4(B)

MTVKKLYFVPAGRCMLDHSSVNSTLTPGELLDLPVWCYLLETEEGPILVD 50  
TGMPESAVNNEGLFNGTFVEGQVLPKMTEEDRIVNILKRVGYEPEDLLYI 100  
ISSHLHFDHAGGNGAFINTPIIVQRAEYEAQHSSEYLKECILPNLNYKI 150  
IEGDYEVVPGVQLLHTPGHTPGHQSLLIETEKSGPVLLTIDASYTKENFE 200  
NEVPFAGFDSELALSSIKRLKEVVMKEKPIVFFGHDIEQERGCKVFPEYI 250

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Figure 5

Asp: [LIVMFGAC] - [LIVMTADN] - [LIVFSA] - D - [ST] - G - [STAV] -

AiiA: I<sub>47</sub> L V D T G M

Asp: [STAPDENQ] - X - [LIVMFSTNC] - X - [LIVMFGTA]

AiiA: P E S A V<sub>58</sub>

Figure 6

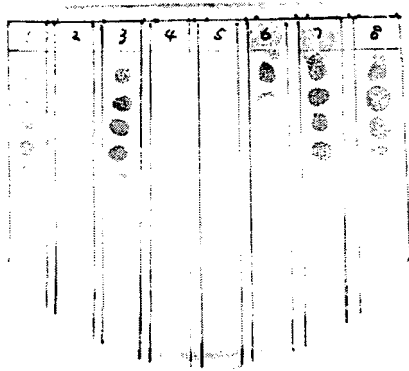


Figure 7

